#pragma once

#include <Adafruit\_GFX.h>

const uint8\_t FreeSerif9pt7bBitmaps[] PROGMEM = {

0xFF, 0xEA, 0x03, 0xDE, 0xF7, 0x20, 0x11, 0x09, 0x04, 0x82, 0x4F, 0xF9,

0x10, 0x89, 0xFF, 0x24, 0x12, 0x09, 0x0C, 0x80, 0x10, 0x7C, 0xD6, 0xD2,

0xD0, 0xF0, 0x38, 0x1E, 0x17, 0x93, 0x93, 0xD6, 0x7C, 0x10, 0x38, 0x43,

0x3C, 0x39, 0x21, 0x8A, 0x0C, 0x50, 0x65, 0x39, 0xCB, 0x20, 0xB9, 0x05,

0x88, 0x4C, 0x44, 0x64, 0x21, 0xC0, 0x0E, 0x00, 0xC8, 0x06, 0x40, 0x32,

0x01, 0xA0, 0x07, 0x78, 0x31, 0x87, 0x88, 0x46, 0x86, 0x34, 0x30, 0xC1,

0xC7, 0x17, 0xCF, 0x00, 0xFE, 0x08, 0x88, 0x84, 0x63, 0x18, 0xC6, 0x10,

0x82, 0x08, 0x20, 0x82, 0x08, 0x21, 0x0C, 0x63, 0x18, 0xC4, 0x22, 0x22,

0x00, 0x63, 0x9A, 0xDC, 0x72, 0xB6, 0x08, 0x08, 0x04, 0x02, 0x01, 0x0F,

0xF8, 0x40, 0x20, 0x10, 0x08, 0x00, 0xD8, 0xF0, 0xF0, 0x08, 0x84, 0x22,

0x10, 0x8C, 0x42, 0x31, 0x00, 0x1C, 0x31, 0x98, 0xD8, 0x3C, 0x1E, 0x0F,

0x07, 0x83, 0xC1, 0xE0, 0xD8, 0xC4, 0x61, 0xC0, 0x13, 0x8C, 0x63, 0x18,

0xC6, 0x31, 0x8C, 0x67, 0x80, 0x3C, 0x4E, 0x86, 0x06, 0x06, 0x04, 0x0C,

0x08, 0x10, 0x20, 0x41, 0xFE, 0x3C, 0xC6, 0x06, 0x04, 0x1C, 0x3E, 0x07,

0x03, 0x03, 0x03, 0x06, 0xF8, 0x04, 0x18, 0x71, 0x64, 0xC9, 0xA3, 0x46,

0xFE, 0x18, 0x30, 0x60, 0x0F, 0x10, 0x20, 0x3C, 0x0E, 0x07, 0x03, 0x03,

0x03, 0x02, 0x04, 0xF8, 0x07, 0x1C, 0x30, 0x60, 0x60, 0xDC, 0xE6, 0xC3,

0xC3, 0xC3, 0x43, 0x66, 0x3C, 0x7F, 0x82, 0x02, 0x02, 0x04, 0x04, 0x04,

0x08, 0x08, 0x08, 0x10, 0x10, 0x3C, 0x8F, 0x1E, 0x3E, 0x4F, 0x06, 0x36,

0xC7, 0x8F, 0x1B, 0x33, 0xC0, 0x3C, 0x66, 0xC2, 0xC3, 0xC3, 0xC3, 0xC3,

0x63, 0x3F, 0x06, 0x06, 0x0C, 0x38, 0x60, 0xF0, 0x0F, 0xD8, 0x00, 0x03,

0x28, 0x01, 0x87, 0x0E, 0x1C, 0x0C, 0x03, 0x80, 0x70, 0x0E, 0x00, 0x80,

0xFF, 0x80, 0x00, 0x00, 0x0F, 0xF8, 0x80, 0x1C, 0x01, 0xC0, 0x1C, 0x01,

0xC0, 0xE0, 0xE0, 0xE0, 0xC0, 0x00, 0x79, 0x1A, 0x18, 0x30, 0x60, 0x83,

0x04, 0x10, 0x20, 0x40, 0x03, 0x00, 0x0F, 0x83, 0x8C, 0x60, 0x26, 0x02,

0xC7, 0x9C, 0xC9, 0xD8, 0x9D, 0x99, 0xD9, 0x26, 0xEC, 0x60, 0x03, 0x04,

0x0F, 0x80, 0x02, 0x00, 0x10, 0x01, 0xC0, 0x16, 0x00, 0x98, 0x04, 0xC0,

0x43, 0x03, 0xF8, 0x20, 0x61, 0x03, 0x18, 0x1D, 0xE1, 0xF0, 0xFF, 0x86,

0x1C, 0xC1, 0x98, 0x33, 0x0C, 0x7E, 0x0C, 0x31, 0x83, 0x30, 0x66, 0x0C,

0xC3, 0x7F, 0xC0, 0x1F, 0x26, 0x1D, 0x81, 0xE0, 0x1C, 0x01, 0x80, 0x30,

0x06, 0x00, 0xC0, 0x0C, 0x00, 0xC1, 0x8F, 0xC0, 0xFF, 0x03, 0x1C, 0x30,

0x63, 0x07, 0x30, 0x33, 0x03, 0x30, 0x33, 0x03, 0x30, 0x33, 0x06, 0x30,

0xCF, 0xF0, 0xFF, 0x98, 0x26, 0x01, 0x80, 0x61, 0x1F, 0xC6, 0x11, 0x80,

0x60, 0x18, 0x16, 0x0F, 0xFE, 0xFF, 0xB0, 0x58, 0x0C, 0x06, 0x13, 0xF9,

0x84, 0xC0, 0x60, 0x30, 0x18, 0x1E, 0x00, 0x1F, 0x23, 0x0E, 0x60, 0x26,

0x00, 0xC0, 0x0C, 0x0F, 0xC0, 0x6C, 0x06, 0xC0, 0x66, 0x06, 0x30, 0x60,

0xF8, 0xF1, 0xEC, 0x19, 0x83, 0x30, 0x66, 0x0C, 0xFF, 0x98, 0x33, 0x06,

0x60, 0xCC, 0x19, 0x83, 0x78, 0xF0, 0xF6, 0x66, 0x66, 0x66, 0x66, 0x6F,

0x3C, 0x61, 0x86, 0x18, 0x61, 0x86, 0x18, 0x6D, 0xBC, 0xF3, 0xE6, 0x08,

0x61, 0x06, 0x20, 0x64, 0x07, 0x80, 0x6C, 0x06, 0x60, 0x63, 0x06, 0x18,

0x60, 0xCF, 0x3F, 0xF0, 0x18, 0x06, 0x01, 0x80, 0x60, 0x18, 0x06, 0x01,

0x80, 0x60, 0x18, 0x16, 0x0B, 0xFE, 0xF0, 0x0E, 0x70, 0x38, 0xE0, 0x71,

0xE1, 0x62, 0xC2, 0xC5, 0xC9, 0x89, 0x93, 0x13, 0x26, 0x23, 0x8C, 0x47,

0x18, 0x84, 0x33, 0x88, 0xF0, 0xE0, 0xEE, 0x09, 0xC1, 0x2C, 0x25, 0xC4,

0x9C, 0x91, 0x92, 0x1A, 0x41, 0xC8, 0x19, 0x03, 0x70, 0x20, 0x1F, 0x06,

0x31, 0x83, 0x20, 0x2C, 0x07, 0x80, 0xF0, 0x1E, 0x03, 0xC0, 0x68, 0x09,

0x83, 0x18, 0xC1, 0xF0, 0xFE, 0x31, 0x98, 0x6C, 0x36, 0x1B, 0x19, 0xF8,

0xC0, 0x60, 0x30, 0x18, 0x1E, 0x00, 0x1F, 0x06, 0x31, 0x83, 0x20, 0x2C,

0x07, 0x80, 0xF0, 0x1E, 0x03, 0xC0, 0x68, 0x19, 0x83, 0x18, 0xC0, 0xE0,

0x0E, 0x00, 0xE0, 0x07, 0xFE, 0x0C, 0x61, 0x86, 0x30, 0xC6, 0x18, 0xC6,

0x1F, 0x83, 0x70, 0x67, 0x0C, 0x71, 0x87, 0x78, 0x70, 0x1D, 0x31, 0x98,

0x4C, 0x07, 0x80, 0xE0, 0x1C, 0x07, 0x01, 0xA0, 0xD8, 0xCB, 0xC0, 0xFF,

0xF8, 0xCE, 0x18, 0x83, 0x00, 0x60, 0x0C, 0x01, 0x80, 0x30, 0x06, 0x00,

0xC0, 0x18, 0x07, 0x80, 0xF0, 0xEC, 0x09, 0x81, 0x30, 0x26, 0x04, 0xC0,

0x98, 0x13, 0x02, 0x60, 0x4C, 0x08, 0xC2, 0x0F, 0x80, 0xF8, 0x77, 0x02,

0x30, 0x23, 0x04, 0x18, 0x41, 0x84, 0x0C, 0x80, 0xC8, 0x07, 0x00, 0x70,

0x02, 0x00, 0x20, 0xFB, 0xE7, 0xB0, 0xC0, 0x8C, 0x20, 0x86, 0x18, 0x41,

0x8C, 0x40, 0xCB, 0x20, 0x65, 0x90, 0x1A, 0x70, 0x0E, 0x38, 0x03, 0x1C,

0x01, 0x04, 0x00, 0x82, 0x00, 0xFC, 0xF9, 0x83, 0x06, 0x10, 0x19, 0x00,

0xD0, 0x03, 0x00, 0x1C, 0x01, 0x30, 0x11, 0xC1, 0x86, 0x08, 0x19, 0xE3,

0xF0, 0xF8, 0xF6, 0x06, 0x30, 0x41, 0x88, 0x1D, 0x00, 0xD0, 0x06, 0x00,

0x60, 0x06, 0x00, 0x60, 0x06, 0x00, 0xF0, 0x3F, 0xCC, 0x11, 0x06, 0x01,

0x80, 0x70, 0x0C, 0x03, 0x00, 0xE0, 0x38, 0x06, 0x05, 0xC1, 0x7F, 0xE0,

0xFB, 0x6D, 0xB6, 0xDB, 0x6D, 0xB8, 0x82, 0x10, 0x82, 0x10, 0x86, 0x10,

0x86, 0x10, 0xED, 0xB6, 0xDB, 0x6D, 0xB6, 0xF8, 0x18, 0x1C, 0x34, 0x26,

0x62, 0x42, 0xC1, 0xFF, 0x80, 0x84, 0x20, 0x79, 0x98, 0x30, 0xE6, 0xD9,

0xB3, 0x3F, 0x20, 0x70, 0x18, 0x0C, 0x06, 0x03, 0x71, 0xCC, 0xC3, 0x61,

0xB0, 0xD8, 0x6C, 0x63, 0xE0, 0x3C, 0xCF, 0x06, 0x0C, 0x18, 0x18, 0x9E,

0x01, 0x03, 0x80, 0xC0, 0x60, 0x31, 0xD9, 0x9D, 0x86, 0xC3, 0x61, 0xB0,

0xCC, 0x63, 0xF0, 0x3C, 0x46, 0xFE, 0xC0, 0xC0, 0xE1, 0x62, 0x3C, 0x1E,

0x41, 0x83, 0x06, 0x1E, 0x18, 0x30, 0x60, 0xC1, 0x83, 0x0F, 0x00, 0x3C,

0x19, 0xF6, 0x31, 0x8C, 0x1E, 0x08, 0x04, 0x01, 0xFC, 0x40, 0xB0, 0x2E,

0x11, 0xF8, 0x20, 0x70, 0x18, 0x0C, 0x06, 0x03, 0x71, 0xCC, 0xC6, 0x63,

0x31, 0x98, 0xCC, 0x6F, 0x78, 0x60, 0x02, 0xE6, 0x66, 0x66, 0xF0, 0x18,

0x00, 0x33, 0x8C, 0x63, 0x18, 0xC6, 0x31, 0x8B, 0x80, 0x20, 0x70, 0x18,

0x0C, 0x06, 0x03, 0x3D, 0x88, 0xD8, 0x78, 0x36, 0x19, 0x8C, 0x6F, 0x78,

0x2E, 0x66, 0x66, 0x66, 0x66, 0x66, 0xF0, 0xEE, 0x71, 0xCE, 0x66, 0x31,

0x98, 0xC6, 0x63, 0x19, 0x8C, 0x66, 0x31, 0xBD, 0xEF, 0xEE, 0x39, 0x98,

0xCC, 0x66, 0x33, 0x19, 0x8D, 0xEF, 0x3E, 0x31, 0xB0, 0x78, 0x3C, 0x1E,

0x0D, 0x8C, 0x7C, 0xEE, 0x39, 0x98, 0x6C, 0x36, 0x1B, 0x0D, 0x8C, 0xFC,

0x60, 0x30, 0x18, 0x1E, 0x00, 0x3D, 0x31, 0xB0, 0xD8, 0x6C, 0x36, 0x1B,

0x8C, 0xFE, 0x03, 0x01, 0x80, 0xC0, 0xF0, 0x6D, 0xC6, 0x18, 0x61, 0x86,

0x3C, 0x76, 0x38, 0x58, 0x3E, 0x38, 0xFE, 0x27, 0x98, 0xC6, 0x31, 0x8C,

0x38, 0xE7, 0x31, 0x98, 0xCC, 0x66, 0x33, 0x19, 0x8C, 0x7F, 0xF3, 0x61,

0x22, 0x32, 0x14, 0x1C, 0x08, 0x08, 0xEF, 0x36, 0x61, 0x62, 0x22, 0x32,

0x35, 0x41, 0x9C, 0x18, 0x81, 0x08, 0xF7, 0x12, 0x0E, 0x03, 0x01, 0xC1,

0x21, 0x09, 0xCF, 0xF3, 0x61, 0x62, 0x32, 0x34, 0x14, 0x1C, 0x08, 0x08,

0x08, 0x10, 0xE0, 0xFD, 0x18, 0x60, 0x83, 0x0C, 0x70, 0xFE, 0x19, 0x8C,

0x63, 0x18, 0xC4, 0x61, 0x8C, 0x63, 0x18, 0xC3, 0xFF, 0xF0, 0xC3, 0x18,

0xC6, 0x31, 0x84, 0x33, 0x18, 0xC6, 0x31, 0x98, 0x70, 0x24, 0xC1, 0xC0};

const GFXglyph FreeSerif9pt7bGlyphs[] PROGMEM = {

{0, 0, 0, 5, 0, 1}, // 0x20 ' '

{0, 2, 12, 6, 2, -11}, // 0x21 '!'

{3, 5, 4, 7, 1, -11}, // 0x22 '"'

{6, 9, 12, 9, 0, -11}, // 0x23 '#'

{20, 8, 14, 9, 1, -12}, // 0x24 '$'

{34, 13, 12, 15, 1, -11}, // 0x25 '%'

{54, 13, 13, 14, 1, -12}, // 0x26 '&'

{76, 2, 4, 4, 1, -11}, // 0x27 '''

{77, 5, 15, 6, 1, -11}, // 0x28 '('

{87, 5, 15, 6, 0, -11}, // 0x29 ')'

{97, 6, 8, 9, 3, -11}, // 0x2A '\*'

{103, 9, 9, 10, 0, -8}, // 0x2B '+'

{114, 2, 3, 4, 2, 0}, // 0x2C ','

{115, 4, 1, 6, 1, -3}, // 0x2D '-'

{116, 2, 2, 5, 1, -1}, // 0x2E '.'

{117, 5, 12, 5, 0, -11}, // 0x2F '/'

{125, 9, 13, 9, 0, -12}, // 0x30 '0'

{140, 5, 13, 9, 2, -12}, // 0x31 '1'

{149, 8, 12, 9, 1, -11}, // 0x32 '2'

{161, 8, 12, 9, 0, -11}, // 0x33 '3'

{173, 7, 12, 9, 1, -11}, // 0x34 '4'

{184, 8, 12, 9, 0, -11}, // 0x35 '5'

{196, 8, 13, 9, 1, -12}, // 0x36 '6'

{209, 8, 12, 9, 0, -11}, // 0x37 '7'

{221, 7, 13, 9, 1, -12}, // 0x38 '8'

{233, 8, 14, 9, 1, -12}, // 0x39 '9'

{247, 2, 8, 5, 1, -7}, // 0x3A ':'

{249, 3, 10, 5, 1, -7}, // 0x3B ';'

{253, 9, 9, 10, 1, -8}, // 0x3C '<'

{264, 9, 5, 10, 1, -6}, // 0x3D '='

{270, 10, 9, 10, 0, -8}, // 0x3E '>'

{282, 7, 13, 8, 1, -12}, // 0x3F '?'

{294, 12, 13, 16, 2, -12}, // 0x40 '@'

{314, 13, 12, 13, 0, -11}, // 0x41 'A'

{334, 11, 12, 11, 0, -11}, // 0x42 'B'

{351, 11, 12, 12, 1, -11}, // 0x43 'C'

{368, 12, 12, 13, 0, -11}, // 0x44 'D'

{386, 10, 12, 11, 1, -11}, // 0x45 'E'

{401, 9, 12, 10, 1, -11}, // 0x46 'F'

{415, 12, 12, 13, 1, -11}, // 0x47 'G'

{433, 11, 12, 13, 1, -11}, // 0x48 'H'

{450, 4, 12, 6, 1, -11}, // 0x49 'I'

{456, 6, 12, 7, 0, -11}, // 0x4A 'J'

{465, 12, 12, 13, 1, -11}, // 0x4B 'K'

{483, 10, 12, 11, 1, -11}, // 0x4C 'L'

{498, 15, 12, 16, 0, -11}, // 0x4D 'M'

{521, 11, 12, 13, 1, -11}, // 0x4E 'N'

{538, 11, 13, 13, 1, -12}, // 0x4F 'O'

{556, 9, 12, 10, 1, -11}, // 0x50 'P'

{570, 11, 16, 13, 1, -12}, // 0x51 'Q'

{592, 11, 12, 12, 1, -11}, // 0x52 'R'

{609, 9, 12, 10, 0, -11}, // 0x53 'S'

{623, 11, 12, 11, 0, -11}, // 0x54 'T'

{640, 11, 12, 13, 1, -11}, // 0x55 'U'

{657, 12, 12, 13, 0, -11}, // 0x56 'V'

{675, 17, 12, 17, 0, -11}, // 0x57 'W'

{701, 13, 12, 13, 0, -11}, // 0x58 'X'

{721, 12, 12, 13, 0, -11}, // 0x59 'Y'

{739, 11, 12, 11, 0, -11}, // 0x5A 'Z'

{756, 3, 15, 6, 2, -11}, // 0x5B '['

{762, 5, 12, 5, 0, -11}, // 0x5C '\'

{770, 3, 15, 6, 1, -11}, // 0x5D ']'

{776, 8, 7, 8, 0, -11}, // 0x5E '^'

{783, 9, 1, 9, 0, 2}, // 0x5F '\_'

{785, 4, 3, 5, 0, -11}, // 0x60 '`'

{787, 7, 8, 8, 1, -7}, // 0x61 'a'

{794, 9, 13, 9, 0, -12}, // 0x62 'b'

{809, 7, 8, 8, 0, -7}, // 0x63 'c'

{816, 9, 13, 9, 0, -12}, // 0x64 'd'

{831, 8, 8, 8, 0, -7}, // 0x65 'e'

{839, 7, 13, 7, 1, -12}, // 0x66 'f'

{851, 10, 12, 8, 0, -7}, // 0x67 'g'

{866, 9, 13, 9, 0, -12}, // 0x68 'h'

{881, 4, 11, 5, 1, -10}, // 0x69 'i'

{887, 5, 15, 6, 0, -10}, // 0x6A 'j'

{897, 9, 13, 9, 1, -12}, // 0x6B 'k'

{912, 4, 13, 5, 1, -12}, // 0x6C 'l'

{919, 14, 8, 14, 0, -7}, // 0x6D 'm'

{933, 9, 8, 9, 0, -7}, // 0x6E 'n'

{942, 9, 8, 9, 0, -7}, // 0x6F 'o'

{951, 9, 12, 9, 0, -7}, // 0x70 'p'

{965, 9, 12, 9, 0, -7}, // 0x71 'q'

{979, 6, 8, 6, 0, -7}, // 0x72 'r'

{985, 6, 8, 7, 1, -7}, // 0x73 's'

{991, 5, 9, 5, 0, -8}, // 0x74 't'

{997, 9, 8, 9, 0, -7}, // 0x75 'u'

{1006, 8, 8, 8, 0, -7}, // 0x76 'v'

{1014, 12, 8, 12, 0, -7}, // 0x77 'w'

{1026, 9, 8, 9, 0, -7}, // 0x78 'x'

{1035, 8, 12, 8, 0, -7}, // 0x79 'y'

{1047, 7, 8, 7, 1, -7}, // 0x7A 'z'

{1054, 5, 16, 9, 1, -12}, // 0x7B '{'

{1064, 1, 12, 4, 1, -11}, // 0x7C '|'

{1066, 5, 16, 9, 3, -11}, // 0x7D '}'

{1076, 9, 3, 9, 0, -5}}; // 0x7E '~'

const GFXfont FreeSerif9pt7b PROGMEM = {(uint8\_t \*)FreeSerif9pt7bBitmaps,

(GFXglyph \*)FreeSerif9pt7bGlyphs, 0x20,

0x7E, 22};

// Approx. 1752 bytes